

## INTERNATIONAL SEARCH REPORT

Intern. application No  
PCT/JP 03/05140

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/425- A61K31/427 A61K9/20

10/534909

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	<p>US 2003/187074 A1 (J. HUSSAIN ET AL.) 2 October 2003 (2003-10-02)</p> <p>claims example 4 column 4, paragraphs 38-42 page 5, paragraph 45 page 5, paragraph 55 page 5, paragraph 57 page 6, paragraphs 60-64 page 5, paragraph 47</p> <p>-/-</p>	<p>1-5, 8-15, 18-20, 28-30, 38-41, 44-51, 54-58, 66-69, 72-79, 82-90, 93, 94</p>

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

18 February 2004

Date of mailing of the international search report

04/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Scarponi, U

## INTERNATIONAL SEARCH REPORT

Intern. Application No  
PCT/JP 03/05140

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	----- WO 01 82904 A (AEROPHARM) 8 November 2001 (2001-11-08) cited in the application claims	1-94
A	----- WO 01 82867 A (AEROPHARM) 8 November 2001 (2001-11-08) claims	1-94
A	----- WO 01 82875 A (AEROPHARM) 8 November 2001 (2001-11-08) cited in the application claims	1-94
A	----- US 6 166 043 A (H. IKEDA ET AL.) 26 December 2000 (2000-12-26) cited in the application claims examples -----	1-94

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB 03/05140

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 86-94 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Int. Application No.  
PCT/IB 03/05140

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003187074 A1	02-10-2003	NONE	
WO 0182904 A	08-11-2001	US 6296874 B1 AU 2753201 A WO 0182904 A1 WO 03005993 A1 WO 03005994 A1 US 2001036478 A1 US 2001034374 A1	02-10-2001 12-11-2001 08-11-2001 23-01-2003 23-01-2003 01-11-2001 25-10-2001
WO 0182867 A	08-11-2001	AU 5745601 A CA 2407713 A1 EP 1278513 A2 WO 0182867 A2	12-11-2001 08-11-2001 29-01-2003 08-11-2001
WO 0182875 A	08-11-2001	AU 2753501 A WO 0182875 A2 US 6403121 B1 US 2001046515 A1	12-11-2001 08-11-2001 11-06-2002 29-11-2001
US 6166043 A	26-12-2000	US 5965584 A AT 256463 T AU 723097 B2 AU 5603496 A CA 2179584 A1 CN 1145783 A CZ 9601811 A3 CZ 292093 B6 DE 69631157 D1 EP 1174135 A2 EP 0749751 A2 EP 0861666 A2 HU 9601698 A2 JP 3148973 B2 JP 9067271 A JP 10167986 A NO 962606 A NO 20004345 A NO 20021172 A RU 2198682 C2 SK 79496 A3 TW 438587 B US 2002123512 A1 US 2002128289 A1 US 6150383 A US 6169099 B1 US 6133293 A US 6166042 A US 6214848 B1 US 6150384 A US 6172089 B1 US 6172090 B1 US 6121295 A US 6156773 A US 6174904 B1 US 6121294 A US 6225326 B1 US 6080765 A	12-10-1999 15-01-2004 17-08-2000 09-01-1997 21-12-1996 26-03-1997 15-01-1997 16-07-2003 29-01-2004 23-01-2002 27-12-1996 02-09-1998 28-05-1997 26-03-2001 11-03-1997 23-06-1998 23-12-1996 23-12-1996 23-12-1996 20-02-2003 08-01-1997 07-06-2001 05-09-2002 12-09-2002 21-11-2000 02-01-2001 17-10-2000 26-12-2000 10-04-2001 21-11-2000 09-01-2001 09-01-2001 19-09-2000 05-12-2000 16-01-2001 19-09-2000 01-05-2001 27-06-2000

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP 03/05140

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6166043	A	US 6133295 A	17-10-2000
		US 6103742 A	15-08-2000
		US 6169100 B1	02-01-2001
		US 6329404 B1	11-12-2001
		US 2003216443 A1	20-11-2003
		US 6303640 B1	16-10-2001
		US 6211205 B1	03-04-2001
		US 6288090 B1	11-09-2001
		US 6232330 B1	15-05-2001
		US 6218409 B1	17-04-2001
		US 6323225 B1	27-11-2001
		US 6251924 B1	26-06-2001

---